A

CATALOGUE

OF THE

Officers and Students

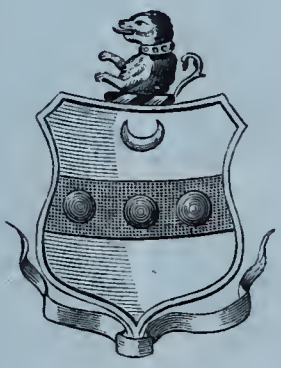
OF

HAVERFORD COLLEGE,

FOR THE

ACADEMICAL YEAR

1863–64.



PHILADELPHIA:
E. KETTERLINUS, PRINTER, N. W. COR. ARCH AND FOURTH STS.
1863.

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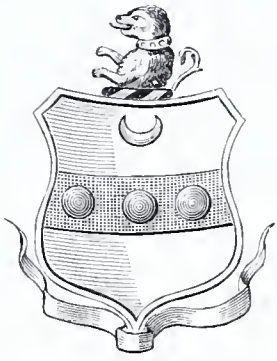

PHILADELPHIA:
E. KETTERLINUS, PRINTER, N. W. COR. ARCH AND FOURTH STS.
1863.

Corporation.

Secretary,

WILLIAM S. HILLES.

Treasurer,

JOHN M. WHITALL.

MANAGERS:

THOMAS KIMBER,	JOSEPH W. TAYLOR, M. D.
CHARLES YARNALL,	HARRISON ALDERSON,
TOWNSEND SHARPLESS,	DAVID SCULL,
SAMUEL HILLES,	WILLIAM S. HILLES,
GEORGE HOWLAND, A. M.	HENRY HARTSHORNE, M. D.
JEREMIAH HACKER,	JAMES WHITALL,
MARMADUKE C. COPE,	HUGH D. VAIL, A. M.
JOHN M. WHITALL,	HAYDOCK GARRIGUES,
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THEOPHILUS E. BEESLEY, M. D.	JAMES CAREY THOMAS, M. D.
WISTAR MORRIS,	PHILIP C. GARRETT,
T. WISTAR BROWN,	WILLIAM C. LONGSTRETH,

THOMAS P. COPE.

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CHARLES YARNALL.

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HARRISON ALDERSON,
WILLIAM S. HILLES,
JAMES WHITALL,
HUGH D. VAIL, A. M.
HENRY HARTSHORNE, M. D.
BENJAMIN V. MARSH,
JOSEPH W. TAYLOR, M. D.

Committee on Finance and Economy.

ANTHONY M. KIMBER,
T. WISTAR BROWN,
JAMES WHITALL,
BENJAMIN V. MARSH.

Committee on Farm.

HUGH D VAIL, A. M.
HAYDOCK GARRIGUES.

Committee on Houses and Grounds.

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WISTAR MORRIS,
THOMAS P. COPE.

Committee on Library and Apparatus.

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WILLIAM S. HILLES,
HUGH D. VAIL, A. M.
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BENJAMIN V. MARSH,
JAMES CAREY THOMAS, M. D.
PHILIP C. GARRETT.

Committee on Admissions.

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JOHN M. WHITALL,
MARMADUKE C. COPE,
GEORGE HOWLAND, A. M.
JAMES CAREY THOMAS, M. D.

Committee on Investments.

DAVID SCULL,
BENJAMIN V. MARSH.

Faculty.

SAMUEL J. GUMMERE,

PRESIDENT.

PAUL SWIFT, M. D.,

PROFESSOR OF MORAL, POLITICAL, AND NATURAL SCIENCE.

THOMAS CHASE, A. M.,

PROFESSOR OF THE GREEK AND LATIN LANGUAGES AND LITERATURES.

SAMUEL J. GUMMERE,

PROFESSOR OF MATHEMATICS, PHYSICS, AND ASTRONOMY.

CLEMENT L. SMITH, A. M.,

ASSISTANT PROFESSOR OF CLASSICS AND MATHEMATICS.

JOHN B. WILSON,

INSTRUCTOR IN DRAWING.

Under-Graduates.

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SENIOR CLASS.

NAMES.	RESIDENCE.	
Angell, Franklin . .	South Corinth, . .	N. Y.
Ashbridge, William . .	West Whiteland, .	Pa.
Coates, Edward H. . .	Philadelphia, . .	Pa.
Cooper, Howard M. . .	Camden, . . .	N. J.
Garrett, Albin . . .	West Chester. . .	Pa.
Hall, Frank Stevens . .	Casco, . . .	Me.
Longstreth, Morris . .	Germantown, . .	Pa.
Pancoast, Albert . .	Philadelphia. . .	Pa.
Roberts, Charles . .	Philadelphia, . .	Pa.
Sampson, E. Pope . .	Manchester, . .	Me.
Scull, Edward Lawrence .	Philadelphia, . .	Pa.
Wood, Randolph . .	Philadelphia, . .	Pa.

JUNIOR CLASS.

NAMES.	RESIDENCE.	
Bringhurst, John Richardson	Wilmington,	Del.
Brown, Edward Taylor	Doylestown,	Pa.
Chase, James Anthony	Philadelphia,	Pa.
Clapp, Samuel Hicks	Philadelphia,	Pa.
Downing, Joseph Miller	West Whiteland,	Pa.
Haviland, Arthur	Brooklyn,	N.Y.
Nichols, David Holder	East Vassalboro',	Me.
Pharo, Joseph John	Tuckerton,	N.J.
Sharpless, Henry Williams	Philadelphia,	Pa.
Smith, Jr., George	Upper Darby,	Pa.
Taber, Robert Barney	New Bedford,	Mass.
Thomas, Allen Clapp	Baltimore,	Md.
Vail, Benjamin Augustus	Rahway,	N.J.
Wistar, Caleb Cresson	Philadelphia,	Pa.

SOPHOMORE CLASS.

NAMES.	RESIDENCE.	
Brown, Harry Clay . .	Doylestown, . .	Pa.
Carpenter, Samuel Preston	Salem, . . .	N. J.
Cloud, Joseph Cooper .	Woodbury, . .	N. J.
Congdon, Samuel Hopkins	Providence, . .	R. I.
Elliott, Aaron Marshall .	Westminster, . .	N. C.
Gummere, Richard Morris	Germantown, . .	Pa.
Redman, Samuel Bispham	Haddonfield, . .	N. J.
Valentine, Benjamin Eyre	Salem, . . .	Mass.

FRESHMAN CLASS.

NAMES.	RESIDENCE.	
Ashbridge, George	West Whiteland,	Pa.
Ashbridge, John	West Whiteland,	Pa.
Beck, Charles Bayard	Philadelphia.	Pa.
Chase, Robert Howland	Union Springs,	N.Y.
Coles, Isaac Woolston	Moorestown,	N. J.
Collins. Samuel Craft	Trenton,	N. J.
De Cou, Franklin	Yardville.	N. J.
Dorsey, William Taggart	Baltimore.	Md.

NAMES.	RESIDENCE.	
Eshleman, B. Franklin .	Lancaster, . . .	Pa.
Haines, Zebedee . .	Medford, . . .	N. J.
Hopkins, Frank N. . .	Baltimore, . . .	Md.
Jones, Richard Mott .	Dirigo, . . .	Me.
Leviek, Lewis Jones .	Richland, . . .	Pa.
Lippincott, Joseph Kay .	Woodstown, . .	N. J.
Morris, John Thompson .	Philadelphia, . .	Pa.
Parrish, Alfred . .	Philadelphia, . .	Pa.
Sharpless, Charles Williams	Philadelphia, . .	Pa.
Tatham, Henry Billington	Philadelphia, . .	Pa.

NAMES.	RESIDENCE.	
Tomlinson, Benjamin Albert	Laurel Mills,	N. J.
Tomlinson, Ephraim	Laurel Mills,	N. J.
Wistar, John	Salem,	N. J.
Witmer. A. Exton,	Paradise,	Pa.
Wood, Walter,	Philadelphia,	Pa.
Woodward, Jr., Thomas	New York,	N. Y.
Coles, David Budd,	Mount Holly,	N. J.
Jackson, Charles West	Baltimore,	Md.
Jackson. Walter	Baltimore,	Md.

Calendar.

Winter Term, 1863–64, began	9 Mo. 9th.
Winter Term, 1863–64, ends	1 Mo. 27th.
Summer Term, 1864, begins	2 Mo. 17th.
Summer Term, 1864, ends	7 Mo. 13th.
Public Examination, 1864,	1 Mo. 25th, 26, and 7 Mo. 11th, 12th.
Biennial Examinations, 1864, begin, . .	5 Mo. 30th.
Oration before Loganian Society, 1864, . .	1 Mo. 26th.
Junior Exhibition, 1864, ...	1 Mo. 27th.
Address before Alumni, 1863, . . .	10th Mo. 24th.
Public Meeting of Loganian Society, 1864, .	7 Mo. 12th.
Commencement, 1864, ...	7 Mo. 13th.
Examinations for Admission, 1864,	2 Mo. 16th, and 9 Mo. 13th.
Winter Term, 1864–65, begins . . .	9 Mo. 14th.

SUMMARY.

Seniors,	12
Juniors,	14
Sophomores,	8
Freshmen,	27
Total,	61

Course of Study.

FRESHMAN CLASS.

MATHEMATICS.

Geometry,	*Euclid.*
Algebra,	*Alsop.*
Plane Trigonometry,	*Gummere.*

GREEK AND LATIN.

Greek Testament,	
The Anabasis of Xenophon,	*Crosby.*
Greek Syntax,	*Crosby or Hadley.*
Greek Prose Composition,	*Arnold.*
Virgil,	*Schmitz or Frieze.*
Latin Syntax and Prosody.	
Latin Prose Composition,	*Arnold.*
Classical Geography and Antiquities.	*Kiepert and Smith.*

ENGLISH.

Compositions.	
Universal History,	*Weber.*
Chemistry,	*Stoeckhardt.*
Geology commenced,	*Hitchcock.*
Drawing.	

SOPHOMORE CLASS.

MATHEMATICS.

Surveying, ...	*Gummere.*
Spherical Trigonometry, Conic Sections, and Spherical Projections, . . .	*Lewis.*
Astronomy, ...	*Herschel.*

GREEK AND LATIN.

The Iliad of Homer, ...	*Felton or Owen.*
Herodotus.	
Greek Prose Composition, continued, . .	*Arnold.*
Livy, ...	*Lincoln.*
Cicero.	
Latin Prose Composition, continued, . .	*Arnold.*

ENGLISH.

Geology, continued, ...	*Hitchcock.*
Physical Geography, ...	*Guyot.*
Organic Chemistry, ...	*Johnston.*
Evidences of Christianity, ...	*Paley.*
Zoology, ...	*By Lectures.*
Drawing.	

JUNIOR CLASS.

MATHEMATHICS.

Astronomy, continued,	*Herschel.*
Analytical Geometry.	*Davies.*
Differential and Integral Calculus.	*Davies.*

GREEK AND LATIN.

The Prometheus of Æschylus,	*Woolsey.*
Plato or Demosthenes.	
Thucydides,	*Owen.*
Greek Composition.	
Horace,	*Lincoln.*
The Germania and Agricola of Tacitus,	*Tyler.*
Latin Exercises and Extemporalia.	
Greek Testament,	*Tischendorf.*

ENGLISH.

Rhetoric,	*Whately.*
English, Past and Present,	*Trench.*
Logic, the Aristotelian system,	*Whately.*
Logic, the Hamiltonian system,	*By Lectures.*
Political Economy,	*Wayland.*
The Law of Nations, and American Law,	*Kent.*
Themes.	
Drawing.	

SENIOR CLASS.

MATHEMATICS.

Analytical Mechanics, ... *Snell's Olmsted.*
Optics, ... *Snell's Olmsted.*
Practical Astronomy. . . . . *Loomis, with practice in the Observatory.*

GREEK AND LATIN.

Thucydides, ... *Owen.*
The Antigone of Sophocles . . . . *Woolsey.*
Greek Composition.
The Captivi of Plautus.
The Letters of Pliny the Younger.
Cicero's Tusculan Disputations, and Somnium Scipionis, ... *Chase.*
Latin Themes and Extemporalia.
Greek Testament, ... *Tischendorf.*
Modern Greek, ... *By Lectures.*

ENGLISH.

Ethics, ... *Dymond.*
Analogy of Natural and Revealed Religion, *Butler.*
Gurney's Observations.
History of Modern Civilization, . . *Guizot.*
Psychology, ... *Haven.*
Forensics.

Admissions.

Applications for admission must be made to the Secretary of the Board of Managers, Charles Yarnall, No. 109 North Tenth Street, Philadelphia. Candidates will present themselves at the College, for Examination by the Faculty, the morning preceding the opening of the term.

Students can be admitted to Advanced Standing, when they can pass a Satisfactory Examination in all the previous studies of the course.

It is very important that the candidates should be thoroughly prepared, particularly in grammatical and elementary knowledge.

The number of applicants at the beginning of the present academical year having been considerably greater than the Institution could accommodate, it is very desirable that, hereafter, early application should be made.

Lectures.

The Courses of Lectures to the whole College for the winter of 1863–4 are as follows:—

American Archæology and Ethnology,	Professor Swift.
Physical Forces, ...	President Gummere.
Greek Literature, ...	Professor Chase.

Examinations.

Near the close of each Summer Term, there is a private Examination, in writing, of the Sophomore and of the Senior Classes—of the former, upon the Studies of the first two years of the Course, preparatory to advancement to the Junior Class, and of the latter, upon those of the last two years, for the degree of Bachelor of Arts. The Examinations are conducted upon the following plan:—

The members of the Class under Examination are seated in a room by themselves, under the supervision of an officer, and each student is furnished with a set of questions upon some book or subject in the Course, which he is required to answer in writing, without consulting any person or book. The time of writing, for the Examination in each book, is limited to four hours. The questions are upon topics and passages selected throughout the text-books, and are calculated to test as accurately as possible the student's knowledge of the whole subject.

A student's answers must be sufficiently meritorious to receive a mark of at least five, on a scale of ten, in the examination upon each book, and a general average of six and two-thirds in each Department, before he can be advanced to the Junior Class, or receive the Diploma of Bachelor of Arts.

The Examination of each Class occupies about two weeks.

At the end of each Term there is a public oral Examination of all the Classes.

Degree of Master of Arts.

GRADUATES of three years' standing can take the Degree of Master of Arts, on submitting to the Committee on Instruction satisfactory evidence of continued good moral character, and presenting a well-written Thesis on some literary or scientific subject, which shall receive the approbation of the Managers and Faculty. As it is designed to make this Degree a real distinction, the Thesis is expected to exhibit sufficient research, thought, scholarship, and ability, to attest substantial desert on the part of the applicant. The fee for the Diploma is Five Dollars.

Astronomical Observatory.

THE HAVERFORD OBSERVATORY affords the students in the higher classes the means of becoming familiar with the use of Astronomical Instruments, and of acquiring, from actual observation, a practical acquaintance with Astronomy.

It contains an Equatorial Telescope, mounted in the Fraunhofer style, with an object glass of 8¼ inches aperture, and a focal length of 11 feet, and furnished with an annular-micrometer, with six eye pieces, varying in magnifying power from 60 to 900 times: a Meridian Transit Circle, of the German form, having a Telescope of 4 inches aperture, and 5 feet focus, with

a circle at each end of the axis 26 inches in diameter; one reading by four verniers, to two seconds of arc—the other used simply as a finder: a Solar Clock: a Sidereal Clock, with the mercurial compensation: and Bond's Magnetic Chronograph, for the instantaneous recording of observations. The Observatory is lighted, and the instruments illuminated, with gas.

The cost of the Telescope was $2,100; of the Transit Instrument, $1.000; the Sidereal Clock, $300; the Magnetic Chronograph, $300; the Sextant, $150; the Dolland Prime-Vertical Transit, $200; the Solar Clock, $150; and $2,500 was expended upon the building.

Library and Apparatus.

The Library of the College contains about 3,300 volumes; that of the Loganian Society about 1,400; and that of the President, 1,300: whole number of books in the Libraries, 6,000.

Extensive Apparatus is provided for the illustration of Natural Philosophy and Chemistry.

The large Mineralogical Collection of the late Dr. Troost occupies the cases in the Collection Room. The Geological Cabinet comprises, among other specimens, complete suites illustrating the Geology of New York and South Carolina, prepared for the College by the late Lardner Vanuxem.

In the rear of the Lecture and Apparatus Rooms is a commodious and well-furnished LABORATORY, in which the students are familiarized with Chemical Manipulations, under the supervision of the Professor of Chemistry.

Societies.

THE LOGANIAN SOCIETY was established by the Officers and Students in 1834. The exercises in its weekly meetings are Discussions, Declamations, Original Essays, etc. The Society publishes a manuscript paper or magazine, "THE COLLEGIAN," monthly. It has in its possession a carefully selected Library of about 1,400 volumes, and cabinets of conchology, geology, natural history, medals, and coins. A large and well-furnished GYMNASIUM, also, is under its direction.

THE ATHENÆUM and EVERETT are literary societies of the students.

Alumni Prize Essays.

Prizes are offered by the Alumni Association for English Essays, on alternate years, as follows:—

A prize of *one hundred dollars*, called the Alumni Prize, for the best Essay by any member of the Association, or under-graduate of the College.

And a prize of *fifty dollars*, called the Under-Graduates' Prize, for the best Essay by any member of the Senior or Junior Class of the College.

The Essays must be written upon good letter-paper, of the ordinary quarto size, with a margin of not less than one inch at the top and bottom and on each side, and the leaves securely stitched together. No Essay shall exceed in length twenty-five printed pages of the North American Review. The subjects of the essays shall be optional with the writers.

Situation of the College.

The College has a remarkably pleasant and healthy location, in the township of Haverford, on the Pennsylvania Rail-road, nine miles west of Philadelphia. The buildings are situated on a lawn of fifty acres, tastefully laid out, and, in the number and variety of its trees and shrubbery, perhaps unsurpassed by any lawn in the State. All the students board at the College. The supervision of all the arrangements for the comfort of the family is entrusted to the Matron, ELIZABETH B. HOPKINS.

Commencement, Terms, Tuition, &c.

COMMENCEMENT is on the second Fourth-day in the Seventh month of each year. The JUNIOR EXHIBITION is on the last day of the first Term. There are two Terms; the first Term, beginning nine weeks after Commencement, and continuing twenty weeks—and the second Term of twenty weeks, beginning three weeks from the end of the first Term, and closing on Commencement day. There are accordingly two Vacations—one of nine weeks in the Summer—and one of three weeks in the Winter.

No student is admitted except at the opening of a Term, and never for a period less than one year. A rule of the Corporation directs that "The College shall be open for the admission of the sons of Friends, and of others, who desire their children to be educated in conformity with the principles of our religious Society."

The price of Board and Tuition is $300 per annum, payable as follows:—$100 at the beginning of each Term, and $50 at the middle of it.

Graduates.

1836.

THOMAS F. COCK, M. D.,	New York,	N.Y.
JOSEPH WALTON,	Philadelphia,	Pa.

1837.

WILLIAM C. LONGSTRETH,	Philadelphia,	Pa.
DAVID C. MURRAY,	New York,	N.Y.
LINDLEY MURRAY,	New York,	N.Y.
BENJAMIN V. MARSH,	Rahway,	N. J.
JOSEPH L. PENNOCK,	Philadelphia,	Pa.
ROBERT B. PARSONS,	Flushing,	N.Y.
CHARLES L. SHARPLESS,	Philadelphia,	Pa.
LLOYD P. SMITH,	Philadelphia,	Pa.
B. WYATT WISTAR,	Philadelphia,	Pa.

1838.

JAMES V. EMLEN, M. D.,	Philadelphia,	Pa.
JOHN ELLIOTT,	Philadelphia,	Pa.

1839.

FREDERICK COLLINS,	Philadelphia,	Pa.
THOMAS P. COPE,	Philadelphia,	Pa.
HENRY HARTSHORNE, A. M., M. D.,	Philadelphia,	Pa.
NEREUS MENDENHALL, M. D.,	Guilford Co.,	N. C.
RICHARD RANDOLPH, Jr., M. D.,	Philadelphia,	Pa.
CHARLES TABER,	New Bedford,	Mass.

1840.

JOSEPH HOWELL,	Philadelphia,	Pa.
ANTHONY M. KIMBER,	Philadelphia,	Pa.
HENRY H. G. SHARPLESS,	Philadelphia,	Pa.
JOHN R. WINSLOW, M. D.,	Hertford,	N. C.

1841.

*RICHARD H. LAWRENCE,	New York,	N.Y.
JAMES P. PEROT,	Philadelphia,	Pa.
ELIAS A. WHITE,	North Carolina,	N. C.

*Obiit.

1842.

ROBERT BOWNE,	New York,	N.Y.
RICHARD CADBURY,	Philadelphia,	Pa.
WILLIAM S. HILLES,	Wilmington,	Del.
THOMAS KIMBER, Jr.	Philadelphia,	Pa.
JAMES J. LEVICK, M. D.	Philadelphia,	Pa.
EDMUND RODMAN,	New Bedford,	Mass.
THOMAS RODMAN,	New Bedford,	Mass.
BENJAMIN R. SMITH,	Haverford,	Pa.
AUGUSTUS TABER,	New Bedford,	Mass.
CALEB WINSLOW, M. D.,	Hertford,	N. C.

1843.

ROBERT B. HOWLAND,	New Bedford,	Mass.
FRANCIS WHITE,	North Carolina,	N. C.
WILLIAM D. STROUD, M. D.,	Philadelphia,	Pa.

1844.

EVAN T. ELLIS,	Philadelphia,	Pa.
ROBERT B. HAINES,	Germantown,	Pa.
ISAAC HARTSHORNE,	Philadelphia,	Pa.

1845.

EDMUND CRENSHAW,	Richmond,	Va.
*ROBERT PEARSALL,	Philadelphia,	Pa.

1849.

ALBERT K. SMILEY, A. M.,	Vassalborough,	Me.
ALFRED H. SMILEY, A. M.,	Vassalborough,	Me.

1851.

JOSEPH L. BAILEY,	Berks Co.,	Pa.
PHILIP C. GARRETT,	Philadelphia,	Pa.
THOMAS J. LEVICK.	Philadelphia,	Pa.
FRANKLIN E. PAIGE, A. M.,	Weare,	N. H.
ZACCHEUS TEST, M. D.,	Richmond,	Ind.
JAMES C. THOMAS, M. D.,	Baltimore,	Md.
RICHARD WOOD,	Philadelphia,	Pa.

*Obiit.

1852.

DOUGAN CLARK, M. D.,	New Garden,	N. C.
LEWIS N. HOPKINS,	Baltimore,	Md.
WILLIAM L. KINSMAN,	Salem,	Mass.
WILLIAM E. NEWHALL,	Philadelphia,	Pa.
JAMES WHITALL,	Philadelphia,	Pa.

1853.

WILLIAM B. MORGAN, A. M.,	Raysville,	Ind.
WILLIAM H. PANCOAST, M. D.,	Philadelphia,	Pa.

1854.

FREDERICK ARTHUR, Jr.,	Nantucket,	Mass.
JOHN W. CADBURY,	Philadelphia,	Pa.
JOHN B. GARRETT,	Philadelphia,	Pa.
DAVID SCULL, Jr.,	Philadelphia,	Pa.

1855.

*SAMUEL BETTLE,	Philadelphia,	Pa.
JOHN R. HUBBARD, A. M.,	New Garden,	N. C.

1856.

BARTHOLOMEW W. BEESLEY,	Philadelphia,	Pa.
JOEL CADBURY, Jr.,	Philadelphia,	Pa.
JONATHAN J. COMFORT, M. D.,	Tecumseh,	Mich.
JAMES M. WALTON,	Philadelphia,	Pa.
EDWARD R. WOOD, A. M.,	Philadelphia,	Pa.

1857.

JESSE S. CHEYNEY, A. M.,	Thornbury,	Pa.
†CYRUS MENDENHALL,	Plainfield,	Ind.
STEPHEN WOOD,	Bedford,	N. Y.

*Obiit 1859. †Obiit 1858.

1858.

THOMAS H. BURGESS,	Harveysburg,	Ohio.
THOMAS CLARK,	Carthage,	Ind.
DANIEL W. HUNT,	Annapolis,	Ind.
SAMUEL T. SATTERTHWAITE,	Chesterfield,	N. J.
WILLIAM G. TYLER,	Salem,	N. J.
THOMAS WISTAR, A. M., M. D.,	Philadelphia,	Pa.
ELLIS H. YARNALL,	Philadelphia,	Pa.

1859.

*RICHARD W. CHASE,	Burlington,	N. J.
JAMES R. MAGEE,	Philadelphia,	Pa.
RICHARD C. PAXSON,	San Francisco,	Cal.
EDWARD RHOADS, M. D.,	Philadelphia,	Pa.
EDWARD C. SAMPSON,	Manchester,	Me.
GEORGE SAMPSON,	Manchester,	Me.
ABRAM SHARPLES,	Ivy Mills,	Pa.
BENJAMIN H. SMITH,	Upper Darby,	Pa.

1860.

†LINDLEY M. CLARK,	Carthage,	Ind.
WILLIAM B. CORBIT, M. D.,	Odessa,	Del.
WILLIAM M. CORLIES,	Philadelphia,	Pa.
CYRUS LINDLEY,	Monrovia,	Ind.
THEODORE H. MORRIS,	Philadelphia,	Pa.
FREDERICK W. MORRIS,	Philadelphia,	Pa.
RICHARD PANCOAST,	Philadelphia,	Pa.
JOHN W. PINKHAM,	NorthVassalborough,	Me.
FRANCIS RICHARDSON,	Philadelphia,	Pa.
CLEMENT L. SMITH, A. M.,	Upper Darby,	Pa.
JAMES TYSON, M. D.,	Reading,	Pa.
SILAS A. UNDERHILL, LL. B.,	Brooklyn, ,	N Y.

*Obiit 1862. †Obiit 1861.

1861.

EDWARD BETTLE,	Philadelphia,	Pa.
HENRY BETTLE,	Philadelphia,	Pa.
CHARLES BETTLE,	Philadelphia,	Pa.
WILLIAM B. BROOMALL,	Media,	Pa.
CHARLES H. JONES,	Tamaqua,	Pa.
THOMAS W. LAMB,	Newby's Bridge,	N. C.
WILLIAM N. POTTS,	Philadelphia,	Pa.
JEHU H. STUART,	Westminster,	N. C.
JOHN C. THOMAS,	Baltimore,	Md.

1862.

HENRY T. COATES,	Philadelphia,	Pa.
SAMUEL A. HADLEY,	Osceola,	Iowa.
GEORGE B. MELLOR,	Philadelphia,	Pa.
HORACE WILLIAMS,	Newport,	R. I.
F. AUGUSTUS WOOD,	New York,	N. Y.

1863.

THOMAS J. BATTEY,	Burrillville,	R. I.
GEORGE M. COATES, Jr.,	Philadelphia,	Pa.
WILLIAM M. COATES,	Philadelphia,	Pa.
RICHARD T. JONES,	Philadelphia,	Pa.
WILLIAM H. MORRIS,	Philadelphia,	Pa.
JOSEPH G. PINKHAM,	Manchester,	Me.

Whole number of Graduates, . . . 121

Honorary Degrees.

1858.

HUGH D. VAIL, A. M.,	Plainfield,	N. J.

1859.

JOSEPH W. ALDRICH, A. M.,	Philadelphia,	Pa.

1860.

JOHN G. WHITTIER, A. M.,	Amesbury,	Mass.

REMARKS

UPON THE

Course of Study & the Discipline.

MORAL, POLITICAL, AND NATURAL SCIENCE.

In these Departments the method of instruction aims at making the lessons, whatever the subject, as nearly practical as possible. In Moral or Political Science, for example, the principle is illustrated and enforced by applying it to the practices and the wants of every day life. If the subject be Natural Science, the student is brought into direct communication with the objects studied; so that nature becomes her own interpreter; her great volume supplying abundant types and analogies to illustrate the teachings of the class-book.

The facilities for this kind of instruction, already in possession of the College, are highly creditable, and are annually becoming more ample; the Mineralogical Cabinet, for example, contains 2700 specimens, and the Geological Cabinet about 2500; together, over 5000. In Zoology less has been done; yet a beginning has been made, and many valuable specimens are already in the Cabinet. These collections, together with illustrations by diagrams, models, and maps, and occasional excursions in the neighbouring country, enable the Teacher to occupy the time allotted to these studies, in a manner at the same time profitable and pleasant to the student, and satisfactory to himself.

The course in Chemistry embraces recitations in Inorganic Chemistry, occupying the greater part of one term, and accompanied with daily exercise in a Laboratory fitted up for this purpose, and well furnished with material and apparatus. Here students are required to conduct with their own hands, under the direction and supervision of the Professor, experiments illustrative of the day's lesson; thus familiarizing them, by actual practice, with the principles and laws of the science, as well as securing dexterity in manipulation. The study of the Physics of Chemistry, and of Organic Chemistry occupies a considerable portion of another term, and is accompanied with experiments.

HISTORY.

In the study of History, each recitation is connected with the study of the Civil and Physical Geography embraced in the lesson; the pupil being required to come to his recitation prepared to delineate upon the black-board the region of country to which the lesson refers. Thus, by associating in the mind of the learner, what are so intimately connected in nature—the history of a people and their geographical position—he is greatly assisted in acquiring, and especially in retaining, a knowledge of both.

RHETORIC, LOGIC, AND PSYCHOLOGY.

The recitations in these studies are conducted by Professor Chase, and are continued through the first term of the Junior, and the second term of the Senior years. The effort is made so to present the different subjects, as to secure their full efficiency in stimulating thought, and training the mind to exactness and vigour. Exercises in the composition of Themes and Forensics are required; and sufficient instruction is given in Declamation to

put the student in the right way of self-improvement. The annual exhibition, at the end of the first term of the Junior year, gives the several members of that class the opportunity of original composition in Latin, Greek, or English. or of translation into Latin or Greek from some other language, and also of the public delivery of their compositions. Original exercises are also required of the graduating class at commencement.

GREEK AND LATIN CLASSICS.

It is the aim in this Department to discipline the mind and cultivate the taste by the study of the great masterpieces of antiquity, and to train and strengthen the reasoning powers by the analysis of words and thoughts required in translation, and particularly by the investigation of the syntax of Greek and Latin—the best practical logic.

In addition to the text-books read in the course. exercises in writing both languages are required, as well as a careful investigation of the various points of history, antiquities, and classical geography involved in the daily lessons.

MATHEMATICS, PHYSICS, AND ASTRONOMY.

The object of this course is, first, as a part of general education, to exercise the student in the process of exact reasoning. and thus secure to his mind a thorough logical discipline; and secondly, as a part of special education, to prepare him to apply the mathematical and mechanical knowledge he acquires to various practical purposes.

Suitable text-books are used, but the great aim is to teach the *subject* and not the book. To test the student's knowledge, and also to accustom him to independent and original investigations, questions and problems not found in the text-book are frequently proposed for solution.

A valuable collection of apparatus belongs to the College, and is used in connection with the instruction in Mechanical Philosophy. The students are allowed to perform experiments themselves, under the direction of the Professor. The well furnished Observatory presents peculiar advantages for the study of Astronomy.

DRAWING.

Instruction in Perspective and Mechanical Drawing is given by a competent teacher, and the best facilities are offered for the pursuit of this indispensable art.

RELIGIOUS INSTRUCTION.

In addition to the daily readings of the Holy Scriptures, recitations in them are required of each student once a week. By exposition, and presenting collateral information, the Instructors endeavor to illustrate and enforce the full meaning of the lessons. In the last two years of the course there are recitations weekly in the Greek Testament, except during a part of one term, in which Gurney's Observations are studied.

DISCIPLINE.

In the discipline of the College, while the officers endeavor to promote habits of order and regularity, they aim to do this in a spirit of kindness and forbearance. Such restraints only are imposed as are deemed necessary to attain this end, or to secure the students from those temptations which are incident to their situation, removed as they are from the protection and preserving influences of home. In maintaining the discipline, private admonition, and appeals to the manliness and good sense of the students, and above all to their conscientious feelings, are the means most relied upon.